

YLEGSYAN, R. A.

Viticulture - Armenia; Grapes

Effect of different stocks on growth and yeild of the grape vine. Agrobiologiia no. 1, 1952. Kandidat Biologicheskikh Nauk.

MLRA, Library of Congress, June 1952. ENCLASSIFIED

'YERGESYAN, R. A.

Viticulture

Frivolous approach to scientific work. Vin. SSSR 12 No. 8, 1952

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified

"APPROVED FOR RELEASE: 09/01/2001 CIA-F

CIA-RDP86-00513R001962720018-5

YERGESYAN, R.A

USSR/Cultivated Plants - Fruits, Berries

м-8

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1756

Author : Yergesyan
Inst : Not Given

Title : Perspectives of Viticulture Development

Orig Pub : Ayastani koltntesakan, 1956, No 10, 37-40

Abstract: The development of viticulture in the Idzhevanskiy rayon of

the Armenian SSR has great prospects. This is due to a relatively mild and warm climate and the presence of quite fertile soils (with humus). The total of yearly precipitation emounts to 430-550 mm, which permits the raising of vineyards not only with the use of irrigation, but also on the "bogara" [non-irrigated soil] Mild winters with maximum short frosts dropping to -15° permit the vineyards to be left incovered for the winter. This presents a great advantage, as compared with the Ararat valley, where the vineyards are snowed under during the winter. As shown by the research of the Institute for Viticulture and Wine Production, the vineyards of the Uzuntala village-kolhoz on "bogara" land have yielded the following

Card : 1/2

USSR/Cultivated Plants - Fruits, Berries

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Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1756

crop for 1954 for each single hectare: Ialvar variety 272 c, Rkatsiteli 165 c, Aligote 147 c, Saperavi 207 c and Dzhrdzhruk 184 c. The best wildings under prevalent local conditions are Berlandieri x Riparia 5BB and Berlanderia x Riparia 420A, they are drought resistant and even on highly calciferous soils do not suffer from chlorosis.

Card : 2/2

USSR/Cultivated Plants - Fruits. Borries.

M-6

Abs Jour

Ref Zhur - Biol., No 7, 1958, 30067

Author

Yorgesyan, R.A.

Inst

The Additional Growth of the Dush's Shoots and Roots in Title

the First Year of Planting in Relation to the Trimming

of the Young Plant.

Orig Pub

: Vinodeliye i vinogradarstvo, SSSR, 1957, No 2, 38-43

Abstract

In order to expedite the formation of bushes, various methods of trimming the young plants before planting were studied. The strongest plants were gotten by leaving 2 or 3 twigs with 2-3 eye buds on each twig on the seedlings. These also had the greatest root system development (in number and general growth of the basic roots and roots of the 1st and 2nd series). This clearly revealed a correlation between the magnitude of the

Card 1/2

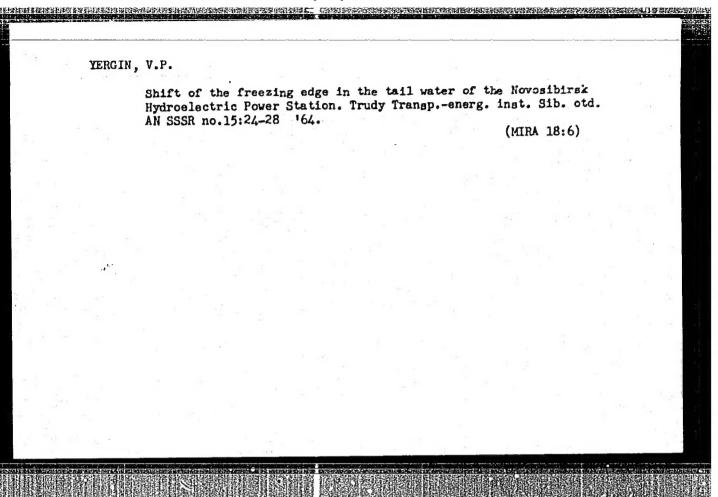
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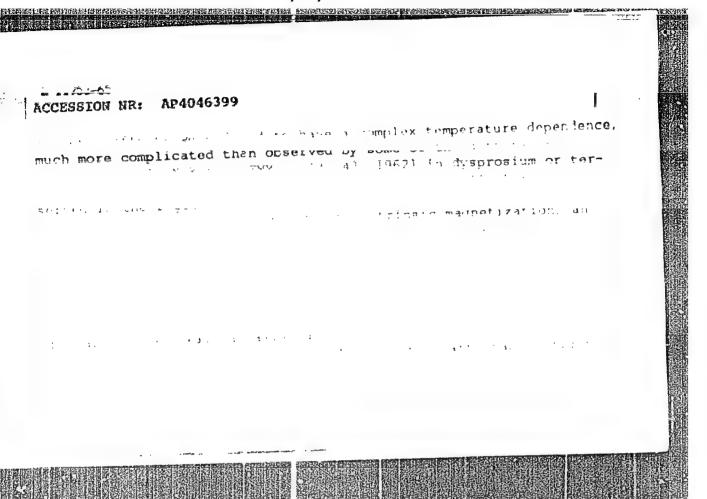
YERGEYEVA, O.N.

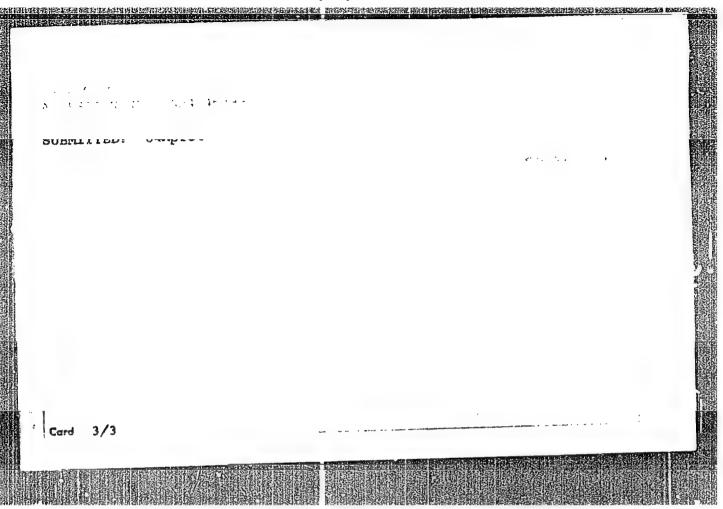
Effect of the sodium chloride regime on the experimental development of radiation reaction. Sov. zdrav. Kir. no.4/5:92-94 J1-0'63 (MIRA 17:1)

l. Iz Kirgizskogo nauchno-issledovatel'skogo instituta onkologii
i radiologii (dir. - prof. A.I. Sayenko).



BATTLE BEFORE BUT TO, 15 5/0056/64/047/0000096 00864 ACCESSION NATE AND 40 300 Antiqued States K. P. Purcy C. V. Yergin, Yu. V.: Pediko, A. V.: Selfari, St. S. TITLE: Anomalies of Galvanomagnetic phenomena in gadolinium SOURCE: Zhurnal eksperimental noy 1 teoreticheskoy fiziki, v. 47, no. 3, 1964, 860-864 TOPIC TAGS: gadolinium, galvanomagnetic effect, magnetoresistance ABSTRACT. To obtain more detailed data on the magnetic properties of gadolingum, the authors inder not measurements of the effect of a magnetic field on the electric registance (even galvanomagnetic The ration for an eral of the Cord





APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001962720018-5"

TOPIC TAGS: anisotropy, magnetization, gadolinium, single crystal, Curie point STRACT: To determine the sciuence of magnetic anisotropy on the magnetic printing near printing the authors make postalical measurements in magnetization curves of single-crystal kndolinium in the temperature. The magnetization curves of single-crystal kndolinium in the temperature cerva. 230-300K. The measurements were made with a Domenical pentulum magnetic cerva. 230-300K. The measurements were made with a Domenical pentulum magnetic cerva. 230-300K. The measurements was a series of single-crystal kndolinium in the temperature.

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L 65257-65 EWT(1)/EWP(a)/EWT(a)/EWP(t)/EWP(k)/EWP(z)/EWP(b) IJP(c) UR/0386/65/001/002/0008/0014 C ACCESSION NR: AP5014194, ALTHOR: Belov. K. P., Yergin. Yu. Y., Katsnel's.n. A. I., Ped'ko, A. TITLE: Magnetic properties of gadolinium subjected to high pressure at high temperatures SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 1, no. 2, 1965, 8-14 TOPIC TAGS: gadolinium, magnetic property, saturation magnetization, high temperature effect, pressure effect ABSTRACT: Saturation magnetization, Curie point and temperature dependence of paramagnetic susceptibility were measured in gadolinium to determine the cause for lower saturation magnetization in rhombohedral gadolinium as compared with hexahedral gadolinium. X-ray analysis indicates that most lines on the x-ray pattern for rhombohedral gadolinium correspond to a rhombohedral phase of the samarium type. A few weak lines are due to a phase with double hexagonal (four-layer) packing of the lanthanum type. The weak intensity of these lines indicates that the volume occupied by this phase is small. The experimental data indicate that the rhombohedral **Card 1/2**

65257-65 CCESSION NR: AP5014194		7
odification of gadolinium hadolinium with a hexagonal electron structure in the specificating, similar to the rear in to Yu. S. Jenshaft and Land Land Land Land Land Land Land	layer in gaddlinium sub- rangement observed in re- p. D. Livshits for treating.	detic mement per atom than caused by rearrangement of the decided to high pressure and cium. "The cubb is are gratering the gadolinium specimens in may the may be grapes and company the control of the cubb is grapes and the control of the cubb is grapes and the control of the cubb is grapes and the cubb is grapes.
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AUTHOR: Jergin, Yu. V.

TITLE: Anomalies in the temperature dependence of the thermal expansion coefficient
of: a gadolinium single crystal

SCRCE; Zhurnal experimental noy i teoreticheskoy fiziki, v. 88, no. 8, 1066

TOPIC TAGS: gadolinium, single crystal, temperature dependence, thermal evansion
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was negative over a wide ran	ge of temperatures from 1	50% to the Curie noint	(200K).
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	L 5329-56 EWT(1)/EWT(m)/T/EWP(t)/EWP(b)/EWA(c) IJP(c) JD/GG ACCESSION NR: AP5021101 UR/0056/65/049/002/0414/0419 AUTHORS: Belov, K. P.; Yergin, Yu. V.; Ped'ko, A. A. 72- TITLE: Magnetostriction of a gadolinium single crystal SOURCE: Zhurnal eksperimental noy i teoreticheskoy fiziki, v. 49,
	TOPIC TAGS: gadolinium, magnetostriction, magnetization, Curis
The same of the sa	ABSTRACT: The magnetostriction of a gadolinium single crystal in various crystallographic directions was measured as a function of the magnetic field strength and of the temperature by a tension gauge method in fields up to 15,000 Oe and in the temperature interval 78 not only in the vicinity of the Curie temperature, but at lower temperatures, beginning with 180K. The spontaneous magnetostriction caused by the change of exchange energy on passing through the Curie point was calculated and found to be sharply anisotropic. The curves
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for the temperature variations after subtracting complicated form. Some conterval between 200 and behavior of the magnetost interval cannot be attribusted spontaneous magnetization forces. Orig. art has:	the paraprocess may fixed these curves have 250K. It is concluded the contraction in gadoling the contraction against the contraction against the contraction of the	ignetostriction ye maxima in the luded therefore nium in this to esses of rotat ne magnetic an	n, have a he temperature that the emperature ion of the isotropy	
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EWT(1)/EWT(m)/EWP(t)/ETI IJP(c) JD/JG ACC NR AP6029112 . SOURCE CODE: UR/0048/66/030/006/0975/0978 AUTHOR: Belov, K.P.; Yergin, Yu.V. ORG: Moscow State University im. M.V. Lomonosov (Moskovskiy gosudarstvennyy universitet) TITLE: Concerning the magnetic structure of gadolinium Report, All-Union Conference on the Physics of Ferro- and Antiferromagnetism held 2-7 July 1965 in Sverdlovsky SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 6, 1966, 975-978 TOPIC TAGS: ferromagnetism, antiferromagnetism, rare earth, electric resistance, temperature dependence, gadolinium, magneric structure ABSTRACT: The temperature and magnetic field dependence of the electrical resistivity of gadolinium crystals has been compared with the corresponding dependences in terbium and dysprosium in order to determine whether gadolinium has a noncollinear magnetic structure at temperatures slightly below the Curie point similar to that detected in terbium, dysprosium, and most rare earth ferromagnets by neutron diffraction experiments (neutron diffraction in the case of gadolinium is difficult to investigate because of the large absorption cross section). The resistivity of gadolinium in the direction of the c axis was found to have a maximum at about 290°K analogous to (but less marked than) the maxima exhibited by the resistivities of terbium and dysprosium at 220°K and 170°K, respectively. The anomalous temperature Card 1/2

L 07100-67 ACC NRI AP6029112 dependence of the resistivity along the c axis disappeared in a sufficiently strong magnetic field (above 0.3, 1.8, and 15 kOe for Tb, Gd, and Dy, respectively). From this behavior of the resistivity and from the temperature dependence of the galvanomagnetic effect and the magnetostriction of gadolinium reported elsewhere by the authors and others (Zh. eksper. i teor fiz., 47, 860 (1964); 49, 414 (1965) it is concluded that gadolinium has a noncollinear atomic magnetic structure at temperatures above about 2100K. In the absence of accurate neutron diffraction data it is not possible to determine whether this complex structure is of the antiferromagnetic or the ferromagnetic type. The authors thank A.V. Ped'ko for discussing the results. Orig. art. has: 3 figures. ORIG. REF: SUB CODE: SUBM DATE:

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L 24375-66 EWT(m)/T/EWP(t) IJP(c) JD/JG

ACC NR: AP6010976 SOURCE CODE: UR/0056/66/050/003/0560/0564

AUTHORS: Belov, K. P.; Yergin, Yu. V.

ORG: none

TITLE: Magnetic anisotropy of a terbium single crystal

SOURCE: Zhurnal eksperimental noy i teoreticheskoy fiziki, v. 50, no. 3, 1966, 560-564

TOPIC TAGS: terbium, single crystal, magnetic anisotropy, ferromagnetism, Curie point

ABSTRACT: Inasmuch as direct measurements of the magnetic anisotropy of terbium in the ferromagnetic range is very difficult, in view of the very strong fields required, the authors show that the size of the magnetic anisotropy energy can be estimated from the magnetization curve of the single-crystal terbium taken in the region of the Curie point. The method used for the purpose is the Landau thermodynamic method, which the authors have used previously to estimate the anisotropy of single-crystal gadolinlum. The tested terbium

Card 1/2

31

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ACC NR: AP6010976

single crystal contained less than 0.1% impurities and was oriented by the Laue method. The magnetization measurements were made by a null method with a magnetometer of the Domenicali type in fields up to 15,000 Oe. The paramagnetic susceptibility was measured with the same magnetometer in a field of 10,000 Oe. To eliminate the influence of the magnetocaloric effect, the magnetization measurements were made under isothermal conditions. The temperature variation of the magnetic anisotropy near the temperature of the destruction of the magnetic ordering (near 230K) was estimated from the magnetization isotherms taken along the axis of easy and of difficult magnetization. The anisotropy energy value is found to be very large near the Curie point, of the order of 10 erg/cm, and depends on the external magnetic ordering the axis of the effective anisotropy field leads

point, of the order of 10 erg/cm, and depends on the external magnetic field. It is shown that the effective anisotropy field leads to the phenomenon of an apparent lowering of the Curie temperature along the axis of difficult magnetization, by about 30°. This is much higher than previously obtained for gadolinium (1.5°). The authors thank Professor A. S. Borovik-Romanov for discussion of the problem. Orig. art. has: 5 figures and 7 formulas.

SUB CODE: 20/ ORIG REF: 003/ OTH REF: 003

Card

2/2 /

YERIGIN, D.D.

Features of the joint use of the radio frequency spectrum by spatial and earth radio communication systems. Elektrosviaz' (MIRA 16:7) 17 no.6;24-33 Je *63.

(Telecommunication)

YERGIN, D. P.

Valence (Theoretical Chemistry)

Against unsound methodological plans. Khim. v. shkole No. 1 1952

Monthly List of Russian Accessions, Library of Congress October 1952. UNCLASSIFIED

BELOV, K.P.; BURDY, I.V.; YERDIN, Yu.V.; FEDTKO, A.V.; SAVITSKIY, Yo.M.

Anomalies of galvanomagnetic effects in gadolinium. Zhur. eksp. 1 teor. fiz. 47 no.3:860-864 S '64. (MIRA 17:11)

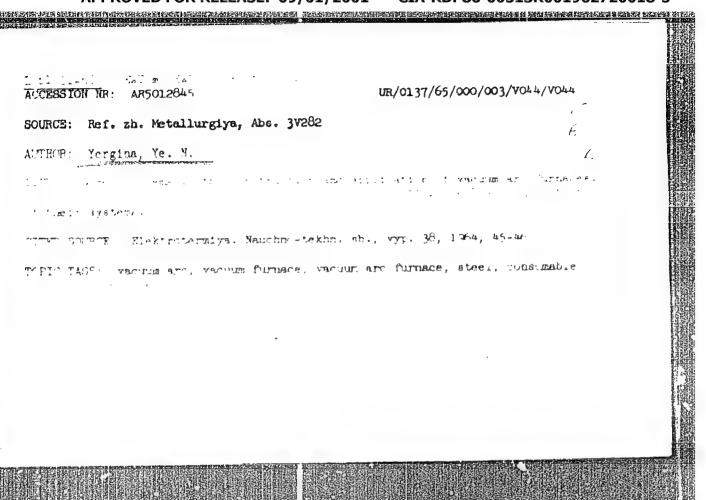
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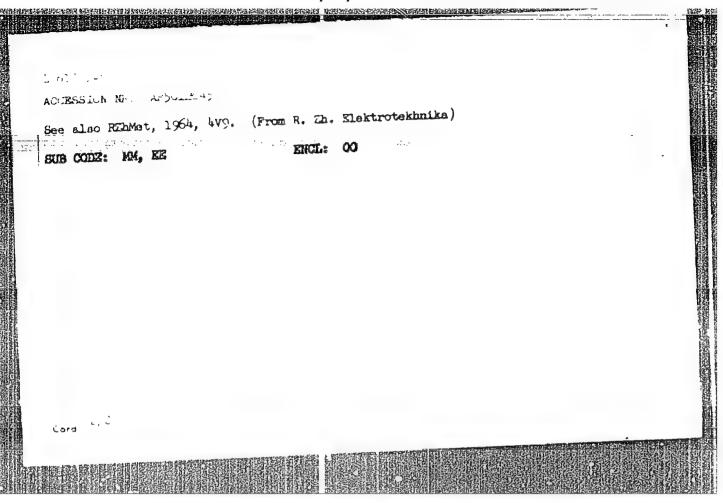
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TYULENEV, Nikolay Konstantinovich; ZVIGINTSEV, P.S., inzh., retsenzent; YERGINA, M.N., red.; BOCOSLAVETS, N.P., tekhn. red.

[Work organization in a brigade of communist labor]Organizatsiia raboty v brigade kommunisticheskogo truda. Moskv, Mashgiz, 1961. 19 p. (Biblioteka rabochego-mashinostroitelia. Seriia: Peredovaia tekhnika - osnova kommunisticheskogo truda, no.12) (MIRA 16:1)

1. Rukovoditel' brigady tokarey v mekhanicheskom tsekhe Uralmashinzavoda (for Tyulenev). (Machinery industry—Production standards)





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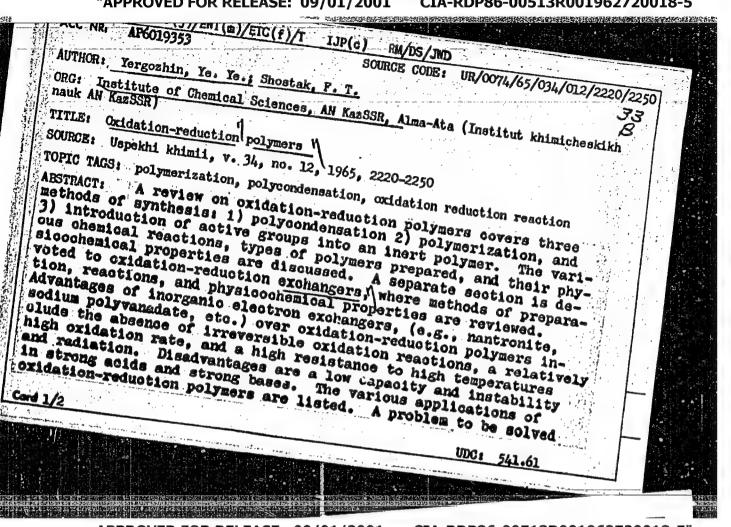
Three to four times as much! Nauka i pered.op.v sel'khoz.
9 no.9:12 S '59. (MIRA 13:2)

1. Machal'nik Fredgornenskoy raysel'khosinspektsii.
(Grain-Cleaning)

SHUVALOV, Ye.A.; YERGIYEVA, E.V.; VECHER, M.I.

Hew method of determining the ash content of coals. Koks i khim.
no.1:10-11 '60.

1. Ugleobogatitel'naya fabrika im. Kostenko.
(Coal--Analysia)



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ACCESSION NR: AT4042416

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AUTHOR: Shostak, F. T.; Yergozhin, Ye. Ye.

TITLE: Synthesis of macroporous oxidation-reduction resins

SOURCE: Respublikanskoye nauchno-tekhnicheskoye soveshchaniye po lonnomu obmenu. Alma-Ata, 1962. Teoriya i praktika ionnogo obmena (Theory and practice of ion exchange); trudy* soveshchaniya. Alma-Ata, izd-vo AN KazSSR, 1963, 24-28

TOPIC TAGS: resin, macroporous resin, resin porosity, oxidation reduction resin, redox resin, resin additive, isoamyi alcohol, oleic acid

ABSTRACT: A modification of a previously described method for the synthesis of oxidation-reduction resins is proposed which yields products with improved water capacity and a higher more controllable porosity. The pores in the product are enlarged by introducing inactive ingredients which are soluble in the primary polymers and are subsequently washed out from the final product. Isoamyl alcomolic acid, methylethyl ketone, ZnCl₂, CaCl₂, 6H₂O or MnCl₂ were found to be suitable for the purpose, while immiscible substances such as starch and glucose were not. Water capacity, swelling ability, oxidation-reduction capacity, sodium determined in the products obtained. The effect of the amount of additive on the

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AID P - 3301

Subject

: USSR/Aeronautics

CHARLES OF THE PROPERTY OF THE

Card 1/1

Pub. 135 - 7/20

Author

: Yergunov, A., Col.

Title

: Orientation of a pilot in space

Periodical

: Vest. vozd. flota, 11, 36-38, # 1955

Abstract

: This is a critical review of an article of Gorbov, F. "The problem of orientation in space" No. 3 (1955) of this journal. The author discusses errors and suggests correct solutions.

Diagrams.

Institution : None

Submitted

: No date

CIA-RDP86-00513R001962720018-5" APPROVED FOR RELEASE: 09/01/2001

YERGUNOV, P., insh.; MIKOLAYEV, S., insh.

In the name of peace and progress. Mauka i shisn' 24 no.12:23-24
(MIRA 10:12)

D '57.

(Atomic energy)

RODIONOV, B.N., dotsent, kand.tekhn.nauk; YEREHOV, V.I., dotsent, kand. tekhn.nauk

Computing device for automatic direction of the airplane on a new flight line in aerial photographic surveying. Trudy MIIGAIK no.39:25-30 160. (NIRA 13:8)

1. Kafedra aerofotos"yemki Moskovskogo instituta inzhenerov geodezii, aerofotos"yemki i kartografii.

(Aerial photogrammetry)

(Instrument flying)

3-5-6/38 YERICHEV, L. I. Yerichev, L.I., Candidate of Philosophical Sciences About the Projected Program for the Course in Historical and About the Projected Program for the Course in Historical and Dislectical Materialism (O proyekts programmy kursa dislektiches progra Bkogo i intoricheskogo materializma) Vestnik Vysshey Shkoly, 1957, May, p 21-25 (USSR) AUTHOR: The author states that Professor F.F. Yenevich indicates the The Buthor states that Professor F.F. lenevich indicates the program of courses relating to disproper direction of the program of courses have been the professor on the other hand the lentical and historical materialism. TITLE: proper direction of the program of courses relating to displectical and historical materialism.

On the other hand the author proposes site notices and historical materialism. Lectical and inistorical materialism. On the other hand that author proposes alterations in the program. The introductor it is necessary to explain immediately after the introductor. autnor proposes alterations in the program. He states that it is necessary to explain immediately after the hadis of the h PERIODICAL: iecture the elementary question of philosophy on the basis of an analysis of the historical development of the problem "How not be problem of the problem of an analysis of the historical development of the problem "How philosophy Does a Philosophy Start?" As a rule, prior to Marx, philosophy Does a Philosophy Start?" As a rule, prior to Marx, philosophy as a rule, prior to Marx, philosophy Does a Philosophy Start?" As a rule, prior to Marx, philosophy Does a Philosophy Start?" As a rule, prior to Marx, philosophy Does a Phi ABSTRACT: Does a Philosophy Start?" As a rule, prior to Marx, philosophy started with the research of unchangeable substances of things, the absolute initial origin of the world. started with the research of unchangeable substances of thise the absolute initial origin of the world. Idealistic philomethe starts with the research of sheelists the research of sheelists. the absolute initial origin of the world. Idealistic philogeness, however, starts with the research of absolute in the sophy, however, starts with the research of explained in the absolute mind (spirit), etc. After having explained of the program, the determination of the first general part of the program. absolute mind (spirit), etc. After naving explained in the first general part of the program, the determination of the initial concention of whilesonhy relating to the hading in the initial concention of whilesonhy relating to the hading in the initial concention of whilesonhy relating to the hading in the initial concention of whilesonhy relating to the hading in the initial concention of whilesonhy relating to the hading in the initial concention of whilesonhy relating to the hading in the initial concention of the initial concent Tirst general part of the program, the determination of the beginning of initial conception of Philosophy relating to the beginning of and conflict of and between of the program and the services of development of notion and categories of men on the productive forces has to be shown. Card1/3 Card 2/3 of development of notion and categories of men on About the Projected Program for the Course in Historical and Dialectical 3-5-6/38 Materialism

the basis of practical life shall also be demonstrated. The fourth part of the program comprises the explanation of relations between dialectical materialism and natural science. It is necessary to show the conflict of the fundamental trends in natural science. The following questions have to be dealt with: the concept of matter, space and time, our concept of the theory of relativity, relation to quantum theory, classification of science, questions of overcoming the crisis in physics.

TOKIN. B.P. YERICHEVA, F. N.

Phagocytic properties of cells in Hydra oligactis (Pall). Nauch. dokl.vys.shkoly; hiol.nauki no.2:43-46 59. (MIRA 12:6)

1. Predstavlena kafedroy embriologii Leningradskogo gosudarstvennogo universiteta im. A.A. Zhdanova.
(HYDROZOA) (PHAGOCYTOSIS) (REGENERATION (BIOLOGY))

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TOKIN, B.P.; YERICHEVA, F.N.

Phagocytary reactions during the processes of regeneration and somatic embryogenesis in lower coelenterates. Trudy MMBI no.3:113-124 '61. (MIRA 15:3)

- 1. MASHOVETS, V. P., YERICHEVA
- U3SR (600)
- Lead
- Investigation of some properties of storage-battery red lead oxide. Zhur. prikl. khim. 20 no. 3 1947

June Monthly List of Russian Accessions, Library of Congress,

1953, Unclassified.

YERIGIH, D.

Soviet "Molniia" satellites and the future of space communications. Av. i kosm. no.1:21-24 Ja '66.

(MIRA 19:1)

1. Glavnyy spetsialist Ministerstva svyazi SSSR.

L 16946-66 EWT(d)/FSS-2/EWT(1) TT/JT/GW

ACC NR: AP6003289

SOURCE CODE: UR/0209/66/009/001/0021/0024

AUTHOR: Yerigin, D. (Chief specialist)

7

ORG: Ministry of Communications, USSR

TITLE: Soviet "Molniyas" and future space communications to system, global Torc Tras: Satellite, communication satellite, Satellite, communication system, global SOURCE: Aviatsiya i kosmonavtika, no. 1, 1966, 21-24 Communication

ABSTRACT: The Soviet Molniya satellites are capable of extending TV (including color), radio, telephone, and phototelegraphic communications to the countries of the northern hemisphere, covering such countries as the USSR, US, Cuba, Japan, and the countries of Southeast Asia. Such a worldwide communications system could be set up by an international communications system within the framework of the United Nations, as was proposed by Academician A. A. Blagonravov on 4 November 1964 at the 32nd session of the United Nations Committee on Space. This communications system would cut such costs as building cable lines, telephone centers, radio stations, and transmitters. [WII]

SUB CODE: 17,34/SUBM DATE: none/

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and in the 186 age and a

YERIGIN, D.D.

Two weeks in Csecheslovakia. Vest.sviazi 16 no.4:31-33 Ap 156.
(MLRA 9:9)

1.Nachal'nik Otdela vneshnikh snesheniy Ministerstva svyazi SSSR.
(Csechoslovakia--Telecommunication)

Processing and removal of blast furnace plage without indias.

Stal' 24 no.21216-118 F '64.

(MMA 17:9)

LUKOVSKIY, Yu. [Lakovs'kyi, IU.], inzh.; ZEMBITSKIY, B. [Zembyts'kyi, B.], inzh.; AKININ, P., inzh.; RUTUS, N., inzh.; GINDIS, Ya. [Hindis, IA.], inzh.; YERIKHEMZON, L., inzh.

Determination of the optimum program of automatic manipulation of buckets containing molten slag at granulation plants. Bud. mat. i konstr. 4 no.1:5-7 Ja-F *62. (Miha 15:7) (Zhdanov-Slag)

LIBO, S.O., inzh.; YERIKHOV, A.V., inzh.

Serm welding of the "Kirovets" tractor oil tanks. Svar. prcizv. no.8:30-31 Ag '64. (MIRA 17:9)

1. Vsesoyuznyy nauchno issledovatel skiy institut elektrosvarochnogo oborudovaniya.

YERIKHOV, A.V., insh.; HATYUNHIN, Ye.G. Semiautomatic machine for assembling and multiplectrode welding of grid articles. Svar. proisv. no.9:38-39 S '64. (MFA 17:12)

1. Vsesoyuznyy nauchno-issledovatel skiy institut elektrosvarochnogo oborudovaniya.

YERIKHOV, L.Ya.

Change in the design of the PT-6 trolley. Stroi.truboprov. 8 no.7: 30 Jl '63. (MIRA 17:2)

1. Glavnyy mekhanik stroitel'no-montazhnogo upravleniya No.7 tresta Mosgazprovodstrov, Leningrad.

BORODKIN, V.F.; Prinimali uchastiye: YERIKHOV, V.I., student: SOROKINA, M.I. SMIRNOVA, A.L., studentka

Phthalocyanine analogs. Zhur.ob.khim. 30 no.5:1547-1553
My '60. (MIRA 13:5)

1. Ivanovskiy khimiko-tekhnologicheskiy institut. (Phthalocyanine)

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为这样,不是是这个人,但是这个人的人,我们也是是这个人的,他们就是这个人的,我们就是这个人的人,我们就是这个人的人,我们就是这个人的人,我们就是这个人的人,我们

S/148/60/000/007/005/015 A161/A029

AUTHORS: Osadchiy, V.Ya.; Fomenko, Yu.Ye.; Yeriklintsev, V.V.; Baykov, V.P.

TITLE: Metal Pressure on the Piercing Mill Rolls

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Chernaya metallurgiya, 1960, Nr 7, pp 103-110

TEXT: An experimental investigation at Nikopol'skiy Yuzhnotrubnyy zavod (Nikopol' Tube Works) is described. The purpose was to study the dynamics of the process, which is important for full utilization of the power and mechanical strength of rolling mills as well as for establishing an optimum rolling process technology. The "400" installation of the plant used for experiments consists of two continuous heating furnaces; two piercing mills (with 960-860 mm diameter rolls and 2,350 km motor); one reheating furnace before the spreading mill; an automatic spreading mill; two rolling-over mills; one sizing mill, and a cooler with a straightening machine. Both piercing mills are operating only when rolling largediameter and thin-walled tubes otherwise the piercing mill Nr 2 operates alone. It produces billets in a single piercing. Metal pressure on the

Card 1/3

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Metal Pressure on the Piercing Mill Rolls

S/148/60/000/007/005/015 A161/A029

piercing mill rolls was measured with dynamometers placed between the screwdowns and the work roll bolster (Figure 1), in especially prepared casings (Figure 2). Pressure oscillograms are shown (Figure 3) and "decoded" (in Table 1). No sufficiently accurate theoretical or experimental data are yet available on the dependance of specific metal pressure on the basic piercing process parameters, and data obtained by experience are usually being employed in calculations of the piercing mill parts and technology. In the described investigation, mean pressure was determined by dividing the experimentally determined full metal pressure on the rolls by the contact area between the metal and the rolls: $p = \frac{P}{E} kg/mm^2.$

A.I. Tselikov's method /Ref 3/ was used for determining the contact area, taking into account the ovality of the billet. The mean specific pressures are given in a table (Table 2). It was stated that for alloy steel the mean specific pressure is 10-14 kg/mm, and for carbon steel it reaches 7.5-12 kg/mm, which matches the data obtained in other investigations /Refs 1, 4 and 5/. The following conclusions were drawn: 1) In the two piercing mills studied the pressure was 33-92 ton, which is not high for this type of mills. In rolling

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Metal Pressure on the Piercing Mill Rolls

8/148/60/000/007/005/015 A161/A029

stainless and alloy steel the pressure is higher than in rolling carbon steel, provided that axial slip has no dominating effect as is the case in rolling 168x8 mm tubes of X 5B\$\overline{\Phi}\$ (Kh5VF) and 168x10 mm tubes of X 5 (Kh5) steel tubes. When rolling tubes of equal diameter but different wall thickness, the pressure curve has a maximum. 2) The pressure on the inlet side screwdown is higher than on the outlet side screwdown: by 2-3 times in the piercing mill Nr 1, and 2-4 times in the Nr 2. Load on the outlet side bearings being much lower, their rated life time may be increased 2-3 times. 3) Only slip (lag) of metal was observed in the deformation zone, lead was absent. The axial slip coefficient was between 0.48 and 0.90. There are 8 figures and 5 Soviet references.

ASSOCIATION: Moskovskiy institut stali (Moscow Steel Institute)

SUBMITTED: June 24, 1959

Card 3/3

KOLMOGOROV, V.L.; TARNOVSKIY, I.Ya.; YERIKLINTSEV, V.V.

New method of stress calculations in the pressure working of metals. Izv. vys. ucheb. zav.; chern. met. 7 no.9:74-80 '64. (MIRA 17:6)

1. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov i Ural'skiy politekhnicheskiy institut.

Analytic determination of the stressed state in the upset forging of a strip and stretch forming. Izv. vys. ucheb. zav.; chern. met. 7 no.8:110-115 '64. (MIRA 17:9)

1. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov.

KOLMOGOROV, V.L.; TARNOVSKIY, I.Ya.; YERIKLINTSEV, V.V.; LEVANOV, A.N.

Stressed state during the upsetting of a thick strip report No.2. Izv. vys. ucheb. zav.; chern. met. 7 no.11:93-99 164.

(MIRA 17:12)

1. Ural'skiy politekhnicheskiy institut i Ural'skiy nauchnoissledovatel'skiy institut chernykh metallov.

的基础。 1.1 数据,1.1 数据 1.1 KOLMOGOROV, V.L.; TARNOVSKIY, I.Ya.; YERIKLINTSEV, V.V. Stressed state during the upsetting of a thick strip. Report no.1. Izv. vys. ucheb. zav.; chern. met. 7 no.9:95-101 '64. (MIRA 17:6) 1. Uraliskiy nauchno-issledovateliskiy institut chernykh metallov i Ural'skiy politekhnicheskiy institut.

TARNOVSKIY, I.Ya.; KOLMOGOROV, V.L.; YERIKLINTSEV, V.V.

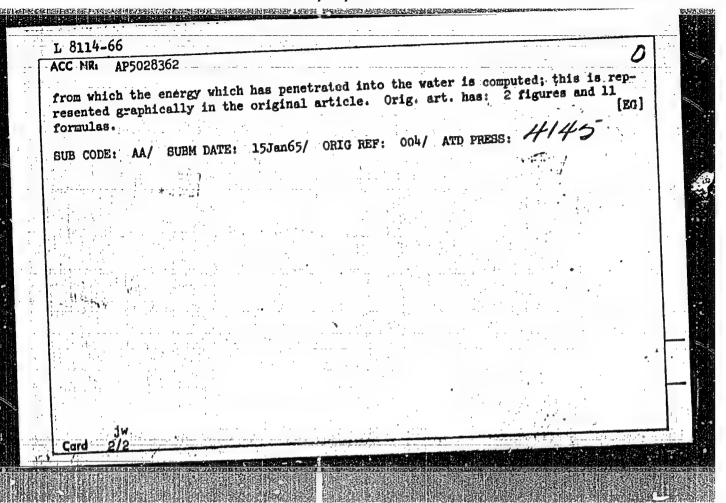
Method of investigating a stressed and deformed state by the simultaneous application of the Lagrange and Castigliano principles. Izv.vys.ucheb.zav.; chorn. mot. 8 no.4:107-111 (MIRA 18:4)

1. Ural'skiy politekhnicheskiy institut i Ural'skiy nauchnc-issle-dovatel'skiy institut chernykh metallov.

LEVANOV, A.N.; TARNOVSKIY, I.Ya.; YERIKLINTSEVA, Yu.Yo.; PORSEVATKIN, M.1.

Investigating the effect of tool roughness on external friction during upsetting. Kuz.-shtam. proizv. 7 no.8:6-9 Ag '65. (MIRA 18:9)

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L 8114-66 EWT(1) GW SOURCE CODE: UR/0362/65/001/011/1216/1219	
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AUTHOR: Pivovarov, A.A.; Anisimova, Ye. P.; Yerikova, A. N.	1
ORG: Moscow State University (Moskovskiy gosudarstvennyy universitet)	
TITLE: Diurnal rate of the albedo and the penetration of solar radiation into sea water	
SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 1, no. 11, 1965, 1216-1219	
TOPIC TAGS: albedo, solar radiation, thermoelectric pyranometer, total radiation	
ABSTRACT: The albedo and the solar radiation which penetrated into the Black Sea have been investigated in July and August 1964, using the research vessel "Moskovski have been investigated in July and August 1964, using the research vessel "Moskovski have been investigated in July and August 1964, using the research vessel "Moskovski have been investigated in July and August 1964, using the vester's surface. The	255
gimbals six meters from the vessel and 0.2 cal/cm ² min when the height of the sun is total radiation increases rapidly from 0.2 cal/cm ² min when the height of the sun is more than 20° in the cal/cm ² min with the height at 60°. The reflected radiation amounts to about 10° to 1.4 cal/cm ² min with the height at 60°.	
0.07 cal/cm ² min and changes slightly when the height of the sun is considered of the surface of the sea caused by the total radiation under a cloudless. The albedo of the surface of the sea caused by the total radiation under a cloudless sky is determined by an empirical formula, which is represented graphically in the sky is determined by an empirical formula is given for the total incident solar radiation original article. A special formula is given for the total incident solar radiation	
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YERILIN, M.

A hard worker. Pozh.delo 7 no.10:18 0 161.

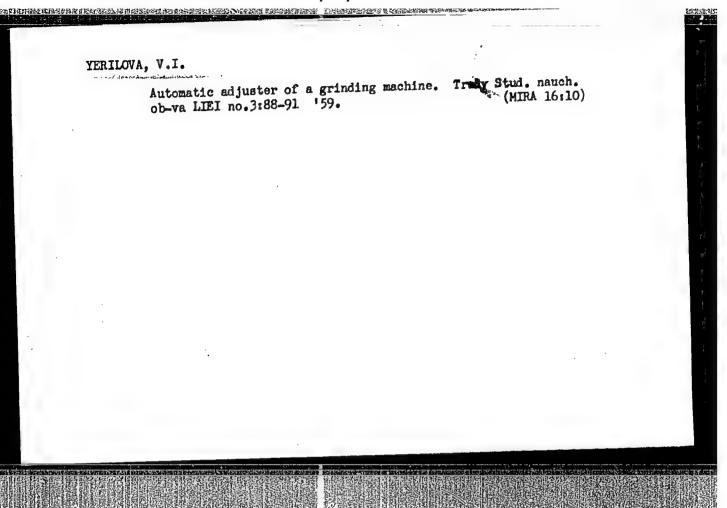
(MIRA 14:10)

1. Starshiy rayonnyy pozharnyy inspektor, Ichalkovskiy rayon, Mordovskaya ASSR.

(Mordovia—Farm buildings—Fire; and fire prevention)

YERILOV, I.S., inzh.; GADEVAL'DT, V.V., dotsent

Analyzing the layout of through division stations of singletrack railroad lines. Trudy NIIZHT no.29:150-160 '62. (MIRA 16:10)



The method of least squares in the theory of thermal stress.

Vest. AN Kazekh. SSR 18 no.7:69-72 J1 '62. (HIRA 15:7)

(Least squares) (Thermal stresses)

YERIMBERTOV, M. I.

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One Class of Accurate Solutions of the Equations for the Theory of Elasticity within Cylindrical Coordinates p. 112

TRANSACTIONS OF THE 2ND REPUBLICAN CONFERENCE ON MATHEMATICS AND MECHANICS (TRUDY VTOROY RESPUBLIKANSE OF KONFERENCE IN MATHMATIKE I MEMBANIKE), 18h pages, published by the Publishing House of the AS KAZAKH SSR, ALMA-ATA, USSR, 1962

YERIMOY	Ginzburg, Z.L., Engineer SCV/122-55-7-30/31 Prodiction Engineering and relimitation on the Michaele of Engineers of Chilanaton of Latural desirandones of Engineering Parties plants (SPOiltrodge Strandones Plants (SPOiltrodge Strandones) Product Option (SPOIltrodge Strandones) Product option pechalon seablinestrolite (Not Strandones) Product of Chilanaton (SPOIltrodge Strandones) Product of Chilanaton School Process (SPOIltrodge Strandones) Product of Chilanaton (SPOIltrodge Strandones) Product of Chilanaton (SPOILTRODGE STRANDONE)	ton was relied by the kiest are saying county. The series observes saying series serie	Designation of Description of State Control base State Control base Brais State Control of	
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ASTAFICHEY, Vladimir Ivanovich, inzhener: YERIN A.M., redaktor: NAKORYAKOVA, K.M., redaktor: MODLIN, G.D., tekhnicheskiy redaktor.

[Closing off the Angara River at the Irkutsk Hydroelectric Power Station] Perekrytie reki Angary v stvore Irkutskoi GES. Kuibyshev, Orgenergostroi, 1957. 19 p. (MIRA 10:11)
(Angara River)

FEL'D, S.S., inzh.; YERIH, A.M., red.; MODLIN, G.D., tekhn. red.

[New types of large cement plants] Novye tipy betomykh zavodov bol'shoi moshchnosti. Kuibyshev, Organergostroi, 1957. 29 p.

(NRA 11:2)

(Cement plants—Equipment and supplies)

BUREFISHE FERMINGRUSECHEELD SEMFENGENERULE HALDEN BEGEGE PRESIDEN FERMINGEREN TERRETAKEN BEREICH BEGEGEREN FERM

YERIN, AN.

AUTHOR: Yerin, A.N., Engineer

98-58-5-18/33

TITLE:

The Cementing of Blocks in Slab Casings Without the Subsequent Filling of Seams (Betonirovaniye blokov v plitakh -

obolochkakh bez posleduyushchey razdelki shvov)

PERIODICAL:

Gidrotekhnicheskoye Stroitel'stvo, 1958, Nr 5, p 50 (USSR)

ABSTRACT:

The filling of seams with a cement solution is labor consuming work, as it must be carried out at considerable heights and only during warm weather. To decrease the labor costs and to improve the quality, a new method has been proposed. At the Kuybyshev Hydroelectric Power Plant the seams are filled with concrete while cementing the blocks, instead of filling the seams manually. As a result, expenses for the filling of seams have been lowered

considerably. There are 2 figures.

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Library of Congress

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SOV-98-58-8-3/22

AUTHOR:

Yerin, A.N., Engineer

TITLE:

Covering the Suction Pipes with Reinforced Concrete Beams on the Stalingrad GES (Perekrytiye otsasyvayushchikh trub zhelezobetonnymi balkami na Stalingradskoy GES)

PERIODICAL:

Gidrotekhnicheskoye stroitel'stvo, 1958, Nr 8, pp 9-11 (USSR)

ABSTRACT:

reinforced concrete beams were used on precest Ordinary the Stalingrad Hydroelectric Power Plant as a covering for the suction pipes. This method is compared with the method used on the Kuybyshev GES, which consisted in covering the suction pipes with plate-sheathings with the help of metallic trestles. Both methods are described in detail. It was found that the method of covering with prefabricated beams was much more economical and required less manual work.

There are 6 diagrams and 1 table.

1. Power plants--Equipment 2. Reinforced concrete--Applications

Card 1/1

YERIN, B.G., Engineer

"Highway Suspension Bridges With Stiffening Girders." Thesis for degree of Cand. Technical Scil, Sub 3 Nov 49, Moscow Highway Inst imeni V. M. Molotov.

Summary 83, 18 Dec 52, <u>Dissertations Presented</u>
For <u>Degrees in Science and Engineering in Moscow</u>
in 1949. From <u>Vechernyaya Moskya</u>, Jan-Dec 1949.

VUNING (SEREGIN, I.B., inshener; YERIN, B.G., kandidat tekhnicheskikh nauk

The life of beam bridge spans. Avt.dor.17 no.1:26-27 J1-Ag'54.

(Bridge construction) (MIRA 8:10)

YERIN Boris Gerasimevich; OZE, Sergey Edgarovich; SEREGIN, Ivan Masarovich.

CHARUTSKIY, A.P., redaktor; GALAKTIOHOVA, Ye.V., tekhnicheskiy redaktor.

[Care and repair of automobile bridges] Sodershanie i rement avtedoreshnykh mostev. Moskva, Nauchne-tekhn.isd-vo avtotransp. lit-ry, 1955. 209 p. (Bridges--Repairing) (MLRA 9:6)

GENRITSY, Georgiy Yevgen'yevich; CHURSINA, Lyudmila Fedorovna; YERIN, B.G., redaktor; MAL'KOVA, N.V., tekhnicheskiy redaktor

[The building of the simplest kinds of wooden bridges] Stroitel'stvo prosteishikh dereviannykh mostov. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry. 1956. 68 p. (MLRA 9:11) (Bridges, Wooden)

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| KROPOTOV, Ivan Ivanovich; YERIN, B.G., red.; ZUYEVA, N.X., tekhn.red.
| [Bridges and culverts] Mosty i truby. Izd. 2-oe, perer. i dop.
| Moskva, Mauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 186 p.
| (Bridge construction) (MIRA 11:5)
| (Gulverta)

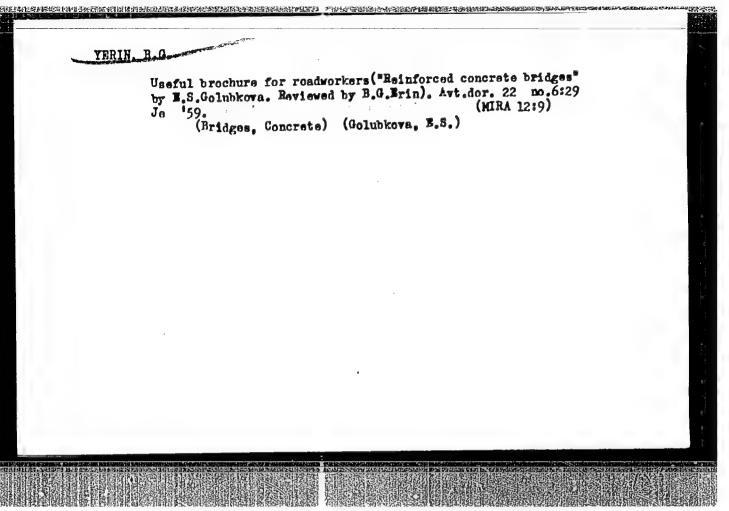
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BYCHKUKOV, Yuriy Dmitriyevich, mladshiy nauchnyy sotrudnik; SEREGIN, I.N...
Prinimali uchastiye: KOLOMEUSKIY, A.P., inzh.; STOYAROV, M.P.,
inzh.; VILIN, N.G., inzh.; VALYUS, V.M., inzh.; BOCHMAN, G.P.,
tekhnik. YERIN, B.G., red.; SERGEYEV, A.F., red.izd-va; DONSKAYA,
G.D., tekhn.red.

[Investigating the performance of stretching equipment and conetype anchorages] Issledovanie raboty natiashnogo obcrudovaniia i konusnykh ankarov, Moskva, Nauchno-tekhn.isd-vo M-va avtomobil nogo transp. i shosseinykh dorog RSFSR, 1959. 27 p. (MIRA 13:4)

1. Nachal'nik laboratorii shelexobstonnykh konstruktaiy Gosudarstvennogo Vsesoyuznogo dorozhnogo nauchmo-issledovatel'skogo instituta
(SOYUZDORNII) (for Seregin).

(Prestressed concrete)



YERIN, Boris Gerssimovich, kand.tekhn.nsuk; CHERKASOV, Valentin,
Valentinovich, kand.tekhn.nsuk; OZE, Sergey Edgarovich, insh.;
CHARUYSKIY, A.P., red.; IYEVLEVA, T.A., red.izd-va; GALAKTIOHOVA,
Ye.H., tekhn.red.

[Quality control of bridge construction operations] Kontrol* kachastva mostostroitel*nykh rabot. Moskva, Nauchno-tekhn.isd-vo M-va avtomobil*nogo transp. i shosseinykh dorog RSFSR, 1960.

117 p. (MIRA 14:3)

(Bridge construction)

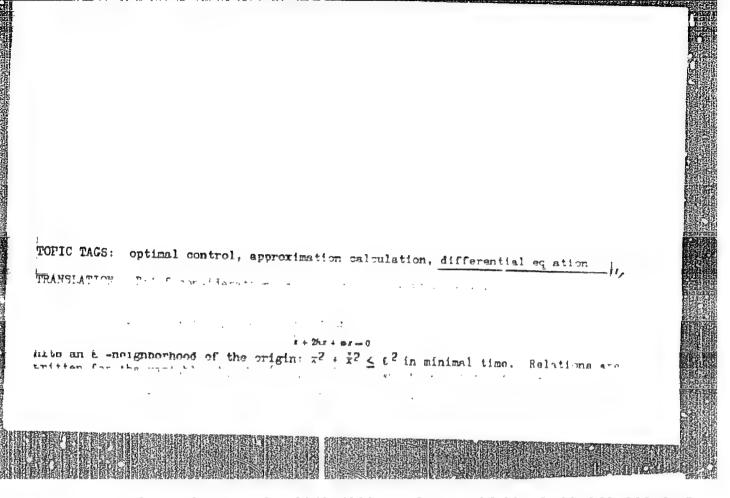
THET TYPKEV, Anatoriy konstantinevien, kand. tekim. nauk; YERIn,
B.G., nauchm. red.; STREEVETOVA, V.G., red.

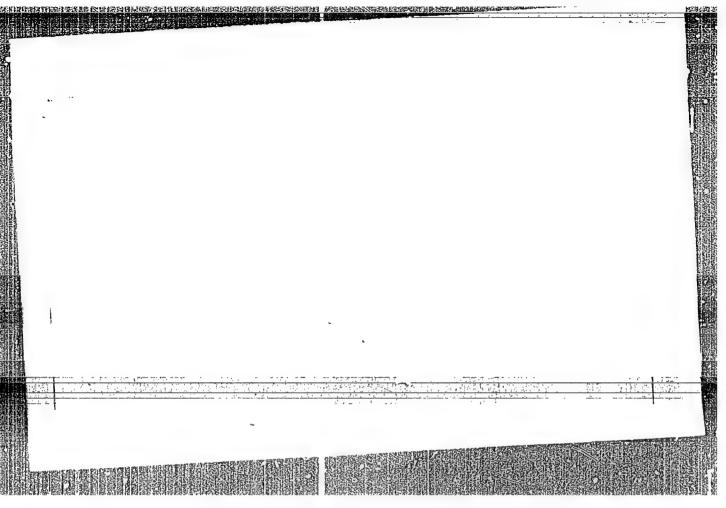
[Concrete work] Betonnyo raboty. Moskva, Vysshaia shkola,
1964. 254 p. (Mikh 17:6)

- 1. YERIN, I. T.; KOZLOV, S. I.
- 2. USSR (600)
- 4. Arctic Fox
- 7. Standards for blue for pelts need revision, Kar. i zver. 6, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Unclassified.

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YERIN, V.G., inzh.

Device for balancing axial mine fans in the main ventilation system.

Sbor. trud. Inst. gor. dela AN URSR no.12:71-75 '61. (MIRA 15:11)

(Fans, Mechanical) (Balancing of machinery)

YERIN, V. V. and KUZIN, A. N.

"The struggle against hypodermic gadfly."

Veterinariya Vol. 37, No. 2, 1960, p. 10

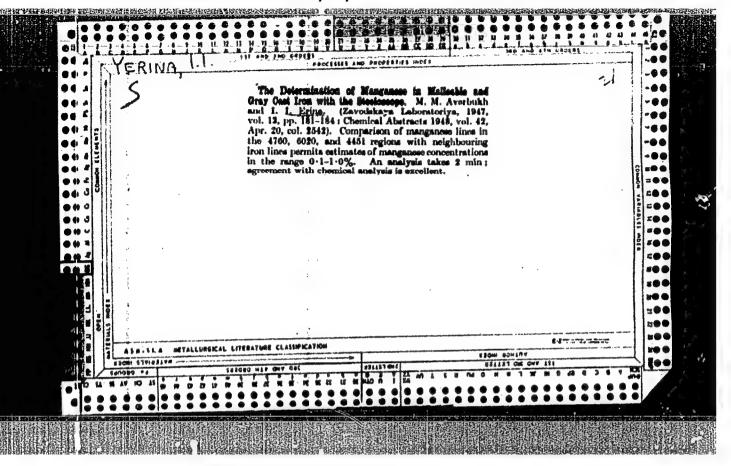
(YERIN, V. V.) - Nachal'nik veterinarnogo otdela Gor'kovskogo oblastnogo upravleniya sel'skogo khozyaystva.

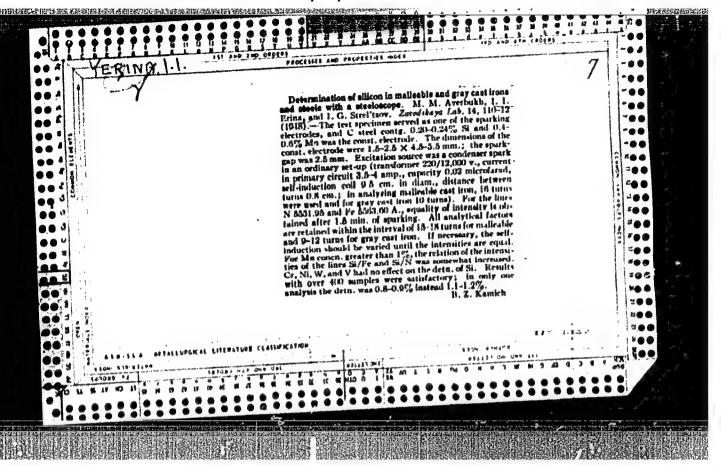
(KUZIN, A. N.) - Zemestitel' direktora Gor'kovskoy NIVS

YERIN, V.V.; VASIL'YEV, S.A.

Participation of veterinary specialists of Gcrkiy Province in the struggle for increased output of livestock products. Veterinaria 37 no.10:19-21 0 '60. (MIRA 15:4)

1. Nachal'nik veterinarnogo otdela Gor'kovskogo oblastnogo sel'skokhozyaystvennogo upravleniya (for Yerin). 2. Glavnyy veterinarnyy vrach Veterinarnogo otdela Gor'kovskogo oblastnogo sel'skokhozyaystvennogo upravleniya (for Vasil'yev). (Gorkiy Province—Stock and stockbreeding)





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USGR/Ketals - Steeloscopes Alloys, Nonferrous

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"Quantitative Analysis of Nonferrous Alloys on a Steeloscope with a Photometric Eyepiece," M. M. Averbukh, I. I. Yerina, State All-Union Inst of Auto and Tractor Technol, 4 pp

"Zavod Lab" Vol XV, No 12

Describes construction and gives test results of photometric eyepiece used on VS-1 steeloscope to increase accuracy of analysis. Gives results of tests for Zn, Sn and Pb in OtsS-6-6-3 bronzes, for Zn and Sn in BOTs-10-2 bronzes, and for Fe, Cu, Kg, and Si in piston alloy. Claims methods allow control and correction of alloying process. and correction of alloying process. Recommends imediate serial production of eyepieces.



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24(7) AUTHORS:

307/48-23-9-24/57

Averbukh, M. M., Artsishevskaya, N. V., Belyayev, N. V.,

ATSENETER FOR THY COURTETTED SPECIFICATION PRINCIPLES TO THE REPORT OF T

Yerina, I. I., Pen'kov, D. I., Strel'tsov, I. G.

TITLE:

New Photoelectric Spectroscopical Apparatus

PERIODICAL:

Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1959,

Vol 23, Nr 9, pp 1105 - 1107 (USSR)

ABSTRACT:

In the present paper the apparatus of the types FESA-4 and FESA-4M are described. The former consists of an arc generator of the type DG-2, a three-lens condenser system, the optical part of the spectrograph of the type ISP-52, the camera of the type UF-84, the collimator of the type UF-61 and a system for line separation with four outlet slits and four photoelectric cells of the type STsV-4. The instrument is automatized and has an error of less than 0.5%. A photograph of this apparatus is shown by figure 1. The second apparatus described here consists of four blocks, and differs from the first by the optical system and by the form of its construction (Fig 2). The instrument makes it possible to control the line intensities. The experiments carried out by means of both apparatus with two different materials are shown by two tables. There are 2 figures, 2 tables,

Card 1/2

New Photoelectric Spectroscopical Apparatus

507/48-23-9-24/57

and 1 Soviet reference.

ASSOCIATION: Nauchno-issledovatel'skiy institut tekhnologii avtomobil'noy promyshlennosti (Scientific Research Institute for the Technology of the Automobile Industry)

Card 2/2

ARTSISHEVSKAYA, N.V.; YERINA, I.I.; STREL'TSOV, I.G.

Photoelectric adapter for the ISP-22 (ISP-28) spectrograph.
Avt.prom. 29 no.10:34-36 0 '63. (MIRA 16:10)

1. Nauchno-issledovatel'skiy institut avtomobil'noy promyshlennosti.

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962720018-5

BOURCE COOR : UR/0014/44/000/007/0034/0014 FACE NAT AP6024436 'AUTHOR: Vashkov, V. I.; Dremova, V. P.; Starkov, A. V.; Volkova, A. P.; Sinderova, H. V.; Katunina, V. I.; Lari nova, V. D.; Yerina, K. M. ORG: Central Disinfection Institute, Moscow (Teentral'nyy dezinfekteinnnyy institut) TITLE: Insecticidal properties of the various forms of DDVP and perspectives of their application for disinfestation SOURCE: Zhurnal mikrobiologii, epidemiologii, i immunobiologii, no. 7, 1966, 24-29 TOPIC TAGS: insecticide, serosol, DDVP, insect peak ABSTRACT: Preparations of DDVP (0,0-dimethyl 0-2,2-dichlorvinyl phosphate) can be used for the immediate extermination of flies and domestic insects (buge, cockroaches, fleas), in the form of 0.5-0.3% aqueous solutions. A minimal amount, assuring 100% destruction of flies, fleas, and bugs on finished surfaces (glass, wood) is 0.05-0.5 g, for cockroaches 1-2 g, per 1 m² (see Tables 1 and 2). Residual action at 18-20° lasts no per 1 m² (see Tables 1 and 2). Residual action at nothing their substrate, in the substrate in the a 0.22-0.5% aqueous solution can be used at a standard flow rate of the pressure fluid (1-2 liters of solution for materials up to 30 cm thick. Beit for flies and cockroaches can be prepared from aqueous UDC: 616.981.452-092.9-097.3

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	solutions of DDVP. However, the short period (2 days) of residual action of such bait limits prospects for use in practice. DDVP dusts can be used to exterminate a number of domestic parasites. However, in view of the brief period of residual action, further study of the prospects for use in extermination practice is necessary. DDVP is toxic to animals when taken internally. (LD ₅₀ of various samples of preparation is 100—200 mg/kg for mice.) Inhalation of a 0.5% aqueous solution during single or repeated spraying, does not induce any toxic effect in various animals. In preparing aqueous solutions and other forms of DDVP, precautionary measurer must be observed, in view of the possibility of entry of the concentrated preparation into the mouth and skin. DDVP in aerosol or vapor form is especially promising. [WA-50; CBE Mo.:11]
	SUB CODE: 06/ SUBM DATE: 229-65/ ORIG REF: 002/ O'M REF: 002/
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	SOURCE CODE: UR/0016/66/000/007/0024/0029

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001962720018-5"

POLITOV, A. K., entomolog; YERINA, K. M., entomolog

Cround beetles as grain crop pests in the Chechen-Ingush
A.S.S.R. Zashch. rast. ot yred. 1 bol. 5 no.6:29 Je '60.

(MIRA 16:1)

(Chechen-Ingush A.S.S.R., Grain-Diseases and pests)

(Chechen-Ingush A.S.S.R., Ground beetles)

YERINA, O.I.

USSR/Cultivated Plants. Potatoes. Vegetables. Melons.

М

Abs Jour: Ref Zhur-Biol., No 5, 1958. 20355.

Author : A.V. Alpat'yev, O.I. Yerina.

Inst : Not given.

Title : The Interhybrid Crossing of Tomatoes. (Vnutrigibrid-

nyye skreshchivaniya pomidorov).

Orig Pub: Vestn. s. -kh. nauki, 1957, No 2, 46-52.

Abstract: In F₂ and F₃ of intervarietal hybrids of tomatoes, crosses were made with the hybrid plants obtained

from the very same combination of varieties although grown on different agricultural grounds. Among the hybrids obtained, individual and individual-group selection was applied. Owing to these methods the

productivity of the hybrid descendents was successfully increased by 15-30% in comparison with the

Card : 1/2

USSR/Cultivated Plants. Potatoes. Vegetables. Melons.

M

Abs Jour: Ref Zhur-Biol., No 5, 1958. 20355.

initial forms, as was the fruit size, and the dividing of the seeds of rapid ripening forms from those of forms with other ripening rates was performed together with the increasing of weather resistance.

Card : 2/2

FRIND, C. ...